

# Bayerische Motoren Werke Aktiengesellschaft

## About this organisation

### Machine translation

This organisation has been machine-translated based on data provided in German.

#### Bayerische Motoren Werke Aktiengesellschaft

With future-orientated technologies, the BMW Group Plant Landshut plays the role of an innovation driver in the technological transformation of the automotive sector and its supplier industry. At the Lightweight Construction and Technology Centre (LuTZ), which is directly connected to the plant, specialists from a wide range of disciplines actively drive the sustainable development of future vehicle models. They are involved in the development processes of new vehicles at an early stage.

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80788 München  
Bavaria  
Germany  
[www.bmwgroup.com](http://www.bmwgroup.com)

# BMW GROUP

#### Organisation type

Large enterprises

#### Sector



#### Employees

500 and more

#### Turnover

n/a

#### Funding

#### Main areas covered

Lightweight complete vehicle, Hybrid lightweight construction, CFRP lightweight construction

#### Infrastructure

#### Certifications

#### Keywords

#### Memberships

# Bayerische Motoren Werke Aktiengesellschaft

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Parts and components, Software & databases, Systems and end products, Materials	✓	✓	✓
<i>Services &amp; consulting</i>			
<b>Field of technology</b>			
<i>Design &amp; layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<b>Plant construction &amp; automation</b> Plant construction, Automation technology, Handling technology, Robotics	✓	✓	✓
<i>Recycling technologies</i>			

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	Research	Development	Manufacturing & Supply
<b>Manufacturing process</b>			
<b>Additive manufacturing</b> 3D printing, Deposition welding, Electron beam melting, Selective laser melting (SLM, LPBF, ...), Selective laser sintering (SLS), Stereolithography	✓	✓	✓
<b>Coating (surface engineering)</b> Painting, Powder coating, Hot dipping	✓	✓	✓
<i>Fibre composite technology</i>			
<b>Forming</b> Deep-drawing	✓	✓	✓
<b>Joining</b> Clinching, Hybrid joining, Adhesive bonding, Soldering, Riveting, Screwing, Welding	✓	✓	✓
<b>Material property alteration</b> Heat treatment	✓	✓	✓
<b>Primary forming</b> Casting, Injection moulding	✓	✓	✓
<i>Processing and separating</i>			
<i>Textile technology</i>			

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	Research	Development	Manufacturing & Supply
<b>Material</b>			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
<b>Metals</b>			
Aluminium, Steel	✓	✓	✓
<b>Plastics</b>			
Thermoset plastics, Elastomers, Thermoplastics	✓	✓	✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

## Contacts

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## Contacts

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